

ABSTRACT OF THE DISCLOSURE

In a planetary reduction gear device of a starter, a planet carrier forms gear shafts and planetary gears are rotatably supported by the gear shafts through bearings. The planet carrier further forms waste shafts projecting in a direction same as that of the gear shafts. The waste shafts are arranged on a circle having a center coincident with a rotation axis of the clutch outer portion at regular intervals in a circumferential direction. The circle on which the waste shafts are arranged has a diameter different from that of a circle on which the gear shafts are arranged. A speed reduction ratio can be changed by mounting planetary gears having a gear specification different from that of the planetary gears supported on the gear shafts on the waste shafts. The planet carrier can be integrally formed with a clutch outer portion of a one-way clutch.